10527374 - GAU: 1797

Receipt date: 06/04/2009

Doc code: IDS Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (04-09)
Approved for use through 05/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10527374
	Filing Date		2005-03-10
	First Named Inventor	James R BECKMAN	
	Art Unit		1797
	Examiner Name	Antho	ny R SHUMATE
	Attorney Docket Numb	er	06351-US

U.S.PATENTS						Remove					
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D	ate	Name of Pate of cited Docu	entee or Applicant ment	Releva		Lines where ges or Relev	
	1										
If you wis	If you wish to add additional U.S. Patent citation information please click the Add button. Add										
	U.S.PATENT APPLICATION PUBLICATIONS Remove										
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	tion	Name of Patentee or Applicant of cited Document		Releva		Lines where ges or Relev	
	1										
If you wis	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	olease click the Add	d button	Add		
				FOREIG	N PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	, I	Kind Code ⁴	Publication Date	Name of Patente Applicant of cited Document	e or I	where Rel	or Relevant	T5
	1										
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
	NON-PATENT LITERATURE DOCUMENTS Remove										
Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.							T5				

10527374 - GAU: 1797

Receipt date: 06/04/2009

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

			1032/3/4	GAO: 1757
Application Number Filing Date		10527374		
		2005-03-10		
First Named Inventor	Jame	s R BECKMAN		
Art Unit Examiner Name Anthor Attorney Docket Number		1797		
		ny R SHUMATE		
		06351-US		

/A.S./	1	AGRAWAL, et al.; Prefractionation to Reduce Energy Consumption in Distillation without Changing Utility Temperatures, AIChE Journal, vol. 42, No. 8, Aug. 1996, pp. 2118-2127.	
/A.S./	2	BECKMAN, et al.; Staged Carrier-Gas Fractionation Analysis, Unpublished, 3-14-1999, all pages.	
/A.S./	3	BECKMAN, et al.; Staged Carrier-Gas Fractionation Analysis, Unpublished, 3-17-1999, all pages.	
/A.S./	4	BECKMAN, Pressurized Industrial Dewvaporation Design for CGS Evaporation Pond Water Reclamation Final Report, Jun. 2004, all pages.	
/A.S./	5	BECKMAN, Innovative Atmospheric Pressure Desalination Final Report, Sep. 1999, all pages.	
/A.S./	6	BECKMAN, et al.; Carrier-Gas Enhanced Atmospheric Pressure Desalination Final Report, Sep. 2002, all pages.	
/A.S./	7	BECKMAN, U.S. provisional patent application titled "Method and Apparatus for Desalination and Concentration by a Carrier-Gas Tower" 1999, all pages.	
/A.S./	8	BECKMAN, et al.; Energy-Efficient Ethanol-Water Fractionation by a Carrier-Gas Method, AlChE Journal, vol. 37, No. 2, Feb. 1991, pp. 281-284.	
/A.S./	9	BECKMAN, et al.; Carrier-Gas Desalination Analysis Using Humidification-Dehumidification Cycle, Dept. of Chemical, Bio and Materials Engineering, Arizona State University, 1999, pp. 183-193.	
/A.S./	10	DAUGULIS, et al.; The Economics of Ethanol Production by Extractive Fermentation; The Canadian Journal of Chemical Engineering, vol. 69, Apr. 1991, pp. 488-497.	
/A.S./	11	DAVIS, et al.; Fractionation with Condensation and Evaporation in Wetted-Wall Columns, AlChE Journal, vol. 30, No. 2, Mar. 1984, pp. 328-338.	

Receipt date: 06/04/2009 10527374 - GAU: 1797

INFORMATION	DISCLOSURE
STATEMENT B	Y APPLICANT

(Not for submission under 37 CFR 1.99)

	Application Number		10527374	
	Filing Date		2005-03-10	
	First Named Inventor	Jame	s R BECKMAN	
	Art Unit		1797	
Examiner Name Antho		Antho	ny R SHUMATE	
	Attorney Docket Number		06351-US	

/A.S./	12	DAVIS, Laboratory to Industry: Industrialization of the Dewvaporation Process, MS Thesis, Arizona State University, Dec. 2003, all pages.						
/A.S./	13	FURTER, Salt Effect in Distillation: A Literature Review II, The Canadian Journal of Chemical Engineering, vol. 55, Jun. 1977, pp. 229-238.						
/A.s./	14	FURTER, Salt Effect in Distillation: A Literature Review, Int. J. Heat Mass Transfer, vol. 10, 1967, pp. 23-36.						
/A.S./	15	GUERRERI, Membrane Alcohol Separation ProcessIntegrated Pervaporation and Fractional Distillation, Trans IChemE, vol. 70, Part A, Sep. 1992, pp. 501-508.						
/A.S./	16	HAMIEH, et al.; Brackish and Seawater Desalination Using a 20 ft(2) Dewvaporation Tower, Desalination vol. 140 2001, pp. 217-226.						
/A.S./	HAMIEH, et al.; The Dewvaporation Tower: An Experimental & Theoretical Study with Economic Analysis, Desalination & Water Reuse, vol. 10/2, 2000, pp. 35-43.							
If you wis	If you wish to add additional non-patent literature document citation information please click the Add button Add							
EXAMINER SIGNATURE								
Examiner Signature /Anthony Shumate/		ture /Anthony Shumate/	Date Considered 08/18/2009					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.								